

09/399,003

05/27/03

claims pto / csd

an amino acid sequence of

1
~~58.~~ (Amended) A DNA construct comprising a sequence encoding SEQ ID

D
NO: 71 operably linked to an expression vector.

2 ~~84.~~ (Amended) A DNA encoding a polypeptide possessing Polymerase
Enhancing Factor (PEF) activity, the DNA comprising at least one of (a) one or more of
SEQ ID NO: 32-35, 82, 83, or 70; (b) a sequence hybridizable to the complement of
one or more those sequences under stringent conditions; and (c) a degenerate variant
of (a).